1. **COURSE OBJECTIVES**
   a. On completion of this course you will know:
      i. Roles and Responsibilities of the Operator
      ii. Assessment of Loads for Lifting
      iii. Basic Rigging Principles and Practices
      iv. Inspection of Boom Truck Crane and Rigging
      v. Definitions of Critical Lift, Non-standard Lift, and Standard Lift
      vi. Crane Capacity Charts
      vii. Basic Crane Safety
      viii. Hand Signals

2. **OCCUPATIONAL HEALTH AND SAFETY (OH&S) ACT**
   a. Obligations of Employers, Workers, etc. 2(1)-(5)
   b. Serious Injuries and accidents 18(1)-(2)
   c. Existence of Imminent Danger 35(1)-(2)

3. **OCCUPATIONAL HEALTH AND SAFETY (OH&S) REGULATION**
   a. Equipment 12(1)
   b. General protection of workers 13(1)-(4)
   c. Duties of workers 14(1)-(2)
   d. Safety training 15(1), (4), (5)

4. **OCCUPATIONAL HEALTH AND SAFETY (OH&S) CODE**
   a. PART 6 - Cranes, Hoists and Lifting Devices
      i. Application 59(1)
      ii. Rated load capacity 62
      iii. Load Charts 63(1)
      iv. Operator requirements 64
      v. Log Books 65 (1)(5)
      vi. Preventing an unsafe lift 66
      vii. Load weight 68
      viii. Loads over work areas 69
      ix. Hand signals 71
      x. Controls 95.1
   b. PART 12 – General Safety Precautions
      i. Signallers 191(1)(5)(7)
   c. PART 19 - Powered Mobile Equipment
      i. Operator responsibilities 256(1)(2)
      ii. Visual Inspection 257(1)
      iii. Dangerous movement 258(1)
      iv. Inspection and maintenance 260(1)
d. PART 21 – Rigging
   i. Breaking Strength 292(1)
   ii. Load Ratings 293(1)-(2)
   iii. Inspection 294
   iv. Rigging Protection 296

v. Sling Standard 297(1)
   a. ASME Standard B30.9-1996
vi. Slings 298(1)
vii. Rope wound on drum 299(1)(2)

Rejection Criteria

viii. Electric Arc damage 308
ix. Damaged Hooks 309